

Substitute for Form 1449/PTO <div style="text-align: center; font-weight: bold; font-size: 1.2em;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT </div> <div style="text-align: center; font-size: 0.8em;"> <i>(use as many sheets as necessary)</i> </div>					Complete if Known	
					Application Number	10/783,525
					Filing Date	February 20, 2004
					First Named Inventor:	Michael S. Salib
					Art Unit	2633 2873
					Examiner Name	Not Yet Assigned Michael
					Attorney Docket Number	42P18527 Roberts

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-	Number-Kind Code ² (if known)			
MR	1	US-	2002/0021878 A1	02/21/2002	Allan et al.	
MR	2	US-	2003/0185532 A1	10/02/2003	Hosomi et al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
MR	3	WO	03/062882 A2	07/31/2003	University of Delaware		
MR	4	WO	03/098331 A1	11/27/2003	Photeon Technologies GMBH		
MR	5	PCT/US	2005/002988	05/03/2005	International Search Report		

Examiner Signature	/Michael Roberts/	Date Considered	01/30/2007
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/783,525
Filing Date	February 20, 2004
First Named Inventor:	Michael S. Salib
Art Unit	2633 2873
Examiner Name	Not Yet Assigned Michael Roberts
Attorney Docket Number	42P18527

Sheet	2	of	2
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/Michael Roberts/

01/30/2007

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	New Application 10/783,525
				Filing Date	Concurrently herewith
				First Named Inventor:	Michael S. Salib
				Art Unit	Not Yet Assigned 2873
				Examiner Name	Not Yet Assigned Michael Roberts
Sheet	1	of	1	Attorney Docket Number	42P18527
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
MR	1.	LEONARD, S.W., et al., "Tunable Two-Dimensional Photonic Crystals Using Liquid-Crystal Infiltration," The American Physical Society, Third Series, Vol. 61, No. 4, (January 15, 2000), pp. 2389-2392			
MR	2.	SCHULLER, CH., et al., "Tunable Photonic Crystals Fabricated in III-V Semiconductor Slab Waveguides Using Infiltrated Liquid Crystals," Applied Physics Letters, Vol. 82, No. 17, (April 28, 2003), pp. 2767-2769			
MR	3.	MERTENS, G., et al., "Two- and Three-Dimensional Photonic Crystals Made of Macroporous Silicon and Liquid Crystals," Applied Physics Letters, Vol. 83, No. 15, (October 13, 2003), pp. 3036-3038			
MR	4.	LEONARD, S.W., et al., "Attenuation of Optical Transmission Within the Band Gap of Thin Two-Dimensional Macroporous Silicon Photonic Crystals," Applied Physics Letters, Vol. 75, No. 20, (November 15, 1999), pp. 3063-3065			
MR	5.	SHIMODA, Y., et al., "Electric Field Tuning of a Stop Band in a Reflection Spectrum of Synthetic Opal Infiltrated with Nematic Liquid Crystal," Applied Physics Letters, Vol. 79, No. 22, (November 26, 2001), pp. 3627-3629			
MR	6.	KEE, C.S., et al., "Tunable Complete Photonic Bands Gaps of Two-Dimensional Photonic Crystals with Intrinsic Semiconductor Rods," The American Physical Society, Physical Review B, Vol. 64, (September 10, 2001), pp. 121103-1 - 121103-4			
MR	7.	HU, X., et al., "Ultrafast Three-Dimensional Tunable Photonic Crystal," Applied Physics Letters, Vol. 83, No. 13, (September 29, 2003), pp. 2518-2520			
MR	8.	LEONARD, S.W., et al., "Ultrafast Band-Edge Tuning of a Two-Dimensional Silicon Photonic Crystal Via Free-Carrier Injection," The American Physical Society, Physical Review B 66, (October 9, 2002), pp. 161102-1-161102-4			
MR	9.	HA, Y.K., et al., "Tunable Three-Dimensional Photonic Crystals Using Semiconductors With Varying Free-Carrier Densities," The American Physical Society, Physical Review B 66, (August 9, 2002) pp. 075109-1-075109-5			
MR	10.	HALEVI, P., et al., "Tunable Photonic Crystals with Semiconducting Constituents," The American Physical Society, Physical Review Letters, Vol. 85, No. 9, (August 28, 2000), pp. 1875-1878			
MR	11.	JOHNSON, S.G., "Introduction to Photonic Crystals: Bloch's Theorem, Band Diagrams, and Gaps (But No Defects)," (February 3, 2003), pp. 1-16			
MR	12.	"Photonic Crystals," http://physicsweb.org/article/world/13/8/9 , (January 9, 2004), pp. 1-9			

Examiner Signature	/Michael Roberts/	Date Considered	01/30/2007
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Based on Form PTO/SB/08A (04-03) as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 05/09/03